

## ECS Configuration Change Request

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Page(s)

1. Originator C.Kenney	2. Log Date: 8/9/01	3. CCR #: 01-0653	4. Rev: -	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: PATCH_6A.04_MSS_01 For All DAACs Provide fixes for Seamless User Registration						
9. Originator Signature/Date <i>Cheny Kenney</i>		8/9/01	10. Class II	11. Type: CCR	12. Need Date: 09AUG2001	
13. Office Manager Signature/Date <i>Cathy Bl</i>		8/9/01	14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:		17. Schedule Impact:		18. CI(s) Affected:MSS		
19. Release Affected by this Change: 6A		20. Date due to Customer: 09AUG2001		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: 30690 30450 - 31133						
23. Problem: (use additional Sheets if necessary) 30690 - Running out of listen threads due to run-time error 30450 - warm start of dlist takes too long 31133 - The AppLogLevel and AppLogSize are now hard coded for EcMsAc						
24. Proposed Solution: (use additional sheets if necessary) PATCH_6A.04_MSS.01A is needed to support t Seamless User Registration						
25. Alternate Solution: (use additional sheets if necessary) Wait until next full system deliveryNone						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) EDC DAAC will continue to experience problems.						
27. Justification for Emergency (If Block 15 is "Emergency"): Fix needed to preform 6A.04 acceptance testing.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>John D. Brown</i> , 8/9/01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>John D. Brown</i> , 8/9/01		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date): <i>John D. Brown</i> , 8/9/01		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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## ADDITIONAL SHEET

CCR #: 01-0653 Rev: - Originator: C.Kenney

Telephone: X4177      Office: 3204D

**Title of Change:** PATCH\_6A.04\_MSS\_01 For All DAACs Provide fixes for Seamless User Registration

ACTIONS:

ClearCase

Please make a new SUN tar file for the following packages from the 6A04 baseline:

.EcMsAcDAACAPPSSRVR.pkg  
.EcMsAcSMCAPPSSRVR.pkg  
.EcMsDbSupport.pkg

DAAC Install Instructions:

1. Get TAR Files from CM distribution.
2. UNTAR the files and copy to the staging area using the Setup.ksh file. Be sure to select "Y" when prompted for "Update ECS Assist Common Files" to get the latest version of ECS ASSIST. THIS MUST BE RUN AS ROOT.
3. On a SUN host, use E.A.S.I. to perform automated installation of all packages listed above as follows:
  - a. Select the Mode to be installed
  - b. Enter the location of the staged files
  - c. Select CUSTOM and Click Next
  - d. Select the "Subsystem" entry in the "Sort By" box.
  - e. Click on the MSS icon to highlight it.
  - f. Click on the EcMsAc and EcMsDb icon to highlight it.
  - g. Using the shift key select the three packages listed in step 1. Click Next,
  - h. Select Install as the Installation Phase and Click Next
  - i. Select STAGE as the Source File Location. Click Next
  - j. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next.
  - k. Click COMM and ensure all hosts displayed turn green, signaling that they are communicating with E.A.S.I.
  - l. Click INSTALL and monitor each host. Ensure each host icon turns green signaling a successful installation.
4. Install the MSS database patch by running ECS Assist Subsystem Manager from the MSS host:
  - a. From the ECS Assist Subsystem Manager, select the mode for which the patch is being applied.
  - b. Select MSS from the list of subsystems displayed Click on "EcMsDb" in the Components box.
  - c. Click on the Database icon. Select "DbPatch" from the drop-down menu.
  - d. Select ".dbparms" from the window that appears. Click "OK".
  - e. When the Configurable Database Parameters window is displayed , verify that the proper site id and patch(6A) are entered in the appropriate box. Click "OK".
  - f. Monitor the output log for any errors. View the dbpatch log in the /usr/ecs/<MODE>/CUSTOM/logs directory to verify that there are no errors.
  - g. Note that NCR corrections have added db patches up to 61. You must update the MSS DB up to 61.
  - h. Continue on to step 5.
5. On the xxmssxx machine, update the MSS configuration parameters:
  - a. The recommended method is to run the ECS Assist Subsystem Manager on this platform to create MSS configuration files, populate the registry from those configuration files, and rename the configuration files.

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1. In the Subsystem Manager window, select the mode. Expand the MSS subsystem icon and double click on the EcMsAc component icon. Click on the "Configuration" button, select ".cfgparms" when prompted, and select "Ok".
2. Review the configuration parameters displayed. Once all configuration parameters are reviewed and all modifications complete, select "Ok" to create the configuration files. Monitor the status of the configuration process in the output window. If the configuration completes successfully, exit the Subsystem Manager.
3. From the command line, run EcCoPopulateRegistry. There are a number of parameters which must be specified to run this command. If there are any questions about these parameters, refer to the Configuration section of the 6A.04 Installation Instructions.
4. Rename the newly-created configuration files. It is recommended that all files ending in .CFG on this machine be renamed to end in .CFG.rgy.

OR

- b. If desired, the registry can be updated by running a registry patch instead of populating from configuration files as described above. To apply the changes via a registry patch, follow the steps for installing registry patches described in the 6A.04 installation instructions. The registry patch file to be applied can be found in the /usr/ecs/<MODE>/CUSTOM/.installed/MSS/distribution directory on the xxmssxx machine.

#### Additional Reg Patch Information

Find the area in the Reg Patch with the heading "Changes for DAAC Reg User GUI (DAAC User Profile GUI)" and comment out the next eight lines. Comment out the lines under the "Changes for DAAC Reg User GUI (DAAC User Profile GUI)", place a "#" character in the first position of the lines. The area looks like this:

```
#Changes for DAAC Reg User GUI (DAAC User Profile GUI)
ALL UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = RBD
PVC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = PVC
EDC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = EDC
SMC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = SMC
VATC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = VATC
GSFC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = GSFC
LARC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = LARC
NSIDC UPD ALL/config/CFG/EcMsAcDAACRegUserGUI/Site = NSIDC
```

6. Make sure the MSS servers are up and running. Check the output logs for any errors.

\*\*\*\*\*END OF INSTALL INSTRUCTIONS\*\*\*\*\*

#### Summary of NCR fixes

30690 - Adds new index to the EcAcRequest table in the MSS accounting database. Also, increases the maximum length of the organization field in the MSS user profile from 31 to 60.

##### Files in Task:

```
/ecs/formal/MSS/ddm_mss_support/lsm/database_schema/common/tables/userprofile.sql
/ecs/formal/MSS/ddm_mss_support/lsm/database_schema/common/tables/ecacrequest.sql
/ecs/formal/MSS/ddm_mss_support/EcMsDbBuildSchemaPatchDrop6A
/ecs/formal/MSS/ddm_mss_support/EcMsDbBuildSchemaPatchDrop6A_B
/ecs/formal/MSS/ddm_mss_support/.EcMsDB.iu
/ecs/formal/MSS/ddm_mss_support
/ecs/formal/MSS/ddm_mss_support/replication/EcRsMsRepDefMsAcUsrProfile.rcl
```

##### Test Instructions for Checkout Lab:

Run DbPatch from ECS Assistant after installing the MSS database package. Because a replicated object, MsAcUsrProfile, is being altered, replication subscriptions must be dropped and the replication definition modified. Consult DDM for the proper sequence of events.

30450 - Re-merge of the 6A\_B patch that was previously merged but then backed out of 6A04. In case you've forgotten, it adds a new index to the EcAcRequest table on (orderId, orderHomeDAAC) and increases the maximum length of the organization column in the MsAcUsrProfile table from 31 to 60.

##### Files in Task:

```
/ecs/formal/MSS/ddm_mss_support/.EcMsDB.iu @ @/main/relb/maint_6A04/gdobbins_ncr30450/1
/ecs/formal/MSS/ddm_mss_support/EcMsDbBuildSchemaPatchDrop6A @ @/main/relb/maint_6A04/gdobbins_ncr30450/1
/ecs/formal/MSS/ddm_mss_support/lsm/database_schema/common/tables/EcDbDatabaseVersions.sql @ @/main/relb/gdobbins_ncr30450/1
```

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/ecs/formal/MSS/ddm\_mss\_support/lsm/database\_schema/common/tables/ecacrequest.sql @/main/relb/maint\_6A04/gdobbins\_ncr30450/1

/ecs/formal/MSS/ddm\_mss\_support/lsm/database\_schema/common/tables/userprofile.sql @/main/relb/maint\_6A04/gdobbins\_ncr30450/1

.Test Instructions for Checkout Lab:

Run DbPatch from ECS Assistant after installing the MSS database package. The schema version ID in the EcDbDatabaseVersions table should change from 60 to 61.

31133 Updated the AppLogSize, AppLogLevel, Site and Removed all references to the ACL database since the ACL databases have been removed from all Sites.

. Files in Task:

/ecs/formal/MSS/MCI/Ac/.cfgparms @ @/main/relb/jboliek\_NCR31133\_6A04/1

/ecs/formal/MSS/MCI/Ac/.cfgpatch @ @/main/relb/jboliek\_NCR31133\_6A04/2

/ecs/formal/MSS/MCI/Ac/.rgypatch @ @/main/relb/jboliek\_NCR31133\_6A04/2

/ecs/formal/MSS/MCI/Ac/scripts/EcMsAcDAACRegUserGUIMkcfg @ @/main/relb/jboliek\_NCR31133\_6A04/1

/ecs/formal/MSS/MCI/Ac/scripts/EcMsAcOrderGUIMkcfg @ @/main/relb/jboliek\_NCR31133\_6A04/1

/ecs/formal/MSS/MCI/Ac/scripts/EcMsAcOrderSrvrMkcfg @ @/main/relb/jboliek\_NCR31133\_6A04/1

/ecs/formal/MSS/MCI/Ac/scripts/EcMsAcRegUserSrvrMkcfg @ @/main/relb/jboliek\_NCR31133\_6A04/1

/ecs/formal/MSS/MCI/Ac/scripts/EcMsAcSMCRegUserGUIMkcfg @ @/main/relb/jboliek\_NCR31133\_6A04/1

Test Instructions for Checkout Lab:

For all SMC6A modes need to install EcMsAc and verify the AppLogLevel, AppLogSize and Site are now configurable. Need to verify the DBLibrary is not configurable.

Need to apply the .rgypatch and verify the following are updated:

Site = RBD (Should be reset manually)

AppLogLevel = 0

AppLogSize = 20000

DBName = mss\_acct\_db

DBHandleList = MSS

DBServer = f2mss01 (Should be set manually in string1)

DBLibrary = SYBASE\_CT

DBModeOverride = NONE

NbrofFTPThr = 0

Release = B

CM01AJA00

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